

20010520.qrp v02\_n195.qrl.20010520

Date: Sun, 20 May 2001 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2195

QRP-L Digest 2195

Topics covered in this issue include:

- 1) [98487] Re: NH AT ALERT  
by "Stephen M. King" <frastephen@home.com>
- 2) [98488] Mic Preamp Discussion  
by "WX7S" <wx7s@cfsystems.org>
- 3) [98489] AT Alert for WB3AAL  
by Jim Cluett <w1pid@yahoo.com>
- 4) [98490] TiCK in SST--here's what I did  
by "David Ek" <ekdave@earthlink.net>
- 5) [98491] Re: PSK with DSB?  
by "Graeme Zimmer" <gzimmer@optushome.com.au>
- 6) [98492] WB3AAL on AT  
by "David Bixler" <qrp@netins.net>
- 7) [98493] Re: TiCK in SST--here's what I did  
by "Paul Christensen" <paulc@mediaone.net>
- 8) [98494] OT Re: Mouser insecurities  
by "Goody" <k3ng@fast.net>
- 9) [98495] Re: OT Re: Mouser insecurities  
by <baltimoremd@baltimoremd.com>
- 10) [98496] Re: TiCK in SST--plus source for other SST information  
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 11) [98497] Re: OT Re: Mouser insecurities  
by "Goody" <k3ng@fast.net>
- 12) [98498] FDIIM  
by "Brian Murrey" <bmurrey@amexol.net>
- 13) [98499] Re: OT Re: Mouser insecurities  
by <baltimoremd@baltimoremd.com>
- 14) [98500] FS: QRP+  
by Bill Lazure <n2tpa@juno.com>
- 15) [98501] Re: OT Re: Mouser insecurities  
by Mark Dulcey <mark@buttery.org>
- 16) [98502] TenTec RF Connector Query  
by Monty N5FC <n5fc@io.com>
- 17) [98503] Re: TenTec RF Connector Query  
by "Mike Yetsko" <myetsko@insydesw.com>
- 18) [98504] Re: FDIIM  
by Bruce Muscolino <w6toy@erols.com>
- 19) [98505] Re: OT Re: Mouser insecurities

by bob evinger <wd9eka@arrl.net>  
20) [98506] RE: OT Re: Mouser insecurities  
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>  
21) [98507] Re: OT Re: Mouser insecurities  
by "Goody" <k3ng@fast.net>  
22) [98508] RTV + Solder = Trouble ?  
by "Goody" <k3ng@fast.net>  
23) [98509] Re: RTV + Solder = Trouble ?  
by "Bruce Kizerian" <kizerian@ced.utah.edu>  
24) [98510] Re: RTV + Solder = Trouble ?  
by "Leon Heller" <leon\_heller@hotmail.com>  
25) [98511] Re: Mic Preamp Discussion  
by "Leon Heller" <leon\_heller@hotmail.com>  
26) [98512] Re: Mic output amplification  
by "Leon Heller" <leon\_heller@hotmail.com>  
27) [98513] Source for Ni-Cads?  
by "Mark M." <markem@cervnet.com>  
28) [98514] Re: Source for Ni-Cads?  
by Jeff Stai WK6I <jstai@home.com>  
29) [98515] NH AT  
by "Steven Weber" <kd1jv@moose.ncia.net>  
30) [98516] K2 Troubleshooting Help Please  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
31) [98517] Re: K2 Troubleshooting Help Please  
by "Dave Fifield" <ad6a@earthlink.net>  
32) [98518] RE: [Elecraft] K2 Troubleshooting Help Please  
by "Bob Tellefsen" <n6wg@earthlink.net>  
33) [98519] Post-Dayton Sale  
by wb2vuo@juno.com

-----  
Date: Sat, 19 May 2001 20:57:43 -0400  
From: "Stephen M. King" <frastephen@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [98487] Re: NH AT ALERT  
Message-ID: <061301c0e0c7\$e14b5c20\$eb600c18@burl11.nj.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just worked Steve on 7043 at 0052z ... putting in a nice signal from the AT  
in NH!

73,  
Stephen  
W3SMK

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, May 19, 2001 9:31 AM

Subject: NH AT ALERT

> Hi Gang,

>

> Well, the Wx still looks iffy, overcast and some showers earlier, but

> what the heck, I'll wander up to the shelter in a little while

> anyway. I hope to be on 7.041-7.045 by about 6:30 pm, edt and stay

> on well into the evening, hoping to pick up some mid-western

> stations. See ya later..

>

>

> 72,

> Steve, KD1JV in the white Mountains of New Hampshire

> "melt solder"

-----  
Date: Sat, 19 May 2001 18:02:18 -0700

From: "WX7S" <wx7s@cfsystems.org>

To: <qrp-l@lehigh.edu>

Subject: [98488] Mic Preamp Discussion

Message-ID: <002301c0e0c8\$84a8a620\$0f01a8c0@168.1.1.CSNW>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I've followed the discussion closely about the recommendations for a Mic Preamp and they've given me some useful ideas, but I need some more help ... my problem isn't shouting, it's my son (N7NDE) whose throat was damaged several years back while in a hospital emergency room (his throat or his life ... they chose his life) ... I'm looking to build a Mic PreAmp for him since his voice is so soft and scratchy now that nothing we've been able to do makes him understandable on the air. So far, I've contacted HandiHams, Heil Sound, and a number of others, but I've gotten no useful input. Judging from what I've seen here, there are some good ideas out there among the people on the list. I'd appreciate any input on what you think would be a good design for a preamp that would raise his voice level and possibly clean it up enough to be understandable. I'd build or buy depending on what I can find.

Terry

=====

Terry R. Dettmann  
WX7S

-----

Date: Sat, 19 May 2001 18:49:53 -0700 (PDT)  
From: Jim Cluett <w1pid@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [98489] AT Alert for WB3AAL  
Message-ID: <20010520014953.30289.qmail@web11607.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi Gang - It is 9:40 pm Saturday. I just worked Ron on the AT. He's on 7043.40. He asked me to post that he'll be on for another hour. Until 10:30 pm. Also He and Ed WA3WSJ will be operating on Sunday morning until 9:00. He's 599 in New Hampshire now.  
73 de Jim w1pid@arrl.net

-----

Do You Yahoo!?

Yahoo! Auctions - buy the things you want at great prices  
<http://auctions.yahoo.com/>

-----

Date: Sat, 19 May 2001 19:55:54 -0600  
From: "David Ek" <ekdave@earthlink.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [98490] TiCK in SST--here's what I did  
Message-ID: <001301c0e0d0\$02f98420\$0100a8c0@oldman>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Gang,

A while back I posted to the group asking about resistor and capacitor values for building my TiCK into my new SST. Specifically, I wanted to feed the audio from the TiCK output into the SST audio chain. No one responded. So, I figured it out for myself. (Yeah, big whoop...)

But a few others were interested in the answer, so here it is. If you have a TiCK PC board, this might make some sense. If not, maybe it won't.

Pin 3 of the TiCK chip is the audio output (for sidetone and commands). On the TiCK board, resistors R2 and R3 form a voltage divider to reduce the audio signal to a small level. I used 1K for R2 and 100K for R3, effectively reducing the voltage level by a factor of 100. C4 is a DC filter capacitor. I used a 0.1uF cap for C4. I omitted C5 (if I included it, funny things happened in the detector stage of the SST--the detector LED would light, even if the TiCK had no power).

Okay, for those of you without TiCK boards, here's a description. One end of R3 is connected to pin 3 of the TiCK. The other end is connected to R2. The other end of R2 goes to ground (so R2 and R3 are in series between pin 3 and ground). One end of C4 connects to the same point where R2 and R3 are connected, and the other end of C4 is connected at "A" on the SST board.

You might need to experiment a bit with the values of R2 and R3 to get what you want.

Hope this is useful to one or two of you.

73 de Dave AB0GO

-----  
Date: Sun, 20 May 2001 13:06:14 +1000  
From: "Graeme Zimmer" <gzimmer@optushome.com.au>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Cc: <master72@lipetsk.ru>  
Subject: [98491] Re: PSK with DSB?  
Message-ID: <004901c0e0d9\$d80eaf60\$7e86a4cb@C03043446A>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1251"  
Content-Transfer-Encoding: 7bit

Oleg,

> A little idea and question. Is it possible to use PSK mode with DSB-trcvr?  
> If it is, this maybe a too simple and little equipment. Looking for  
> opinions, thnx!

PSK31 is already DSB. It is however DSB in the audio band.

To generate audio PSK31 your PC takes an audio tone and Balance Modulates it with the baseband PSK data.

You end up with two audio tones (sidebands) about 35 hz apart, with the original carrier (audio tone) suppressed.  
This is why you see two "railway tracks" on the screen (for a PSK signal on idle).

You can of course directly generate the PSK31 signal at RF by feeding the baseband PSK31 data (not the audio tones) into a DBM.

see [http://www.ussc.com/~turner/psk\\_medfer.html](http://www.ussc.com/~turner/psk_medfer.html)

and <http://members.optushome.com.au/gzimmer/default.html>

If you fed an audio PSK31 signal (at say 1Khz) into an unmodified DSB rig, you would end up with two PSK31 signals  
one at 1khz above the carrier and one (inverted) at 1khz below the carrier.

This would not make you very popular, I guess..... but it would work  
.....

regards ..... Zim ..... VK3GJZ

-----  
Date: Sat, 19 May 2001 21:47:06 -0500  
From: "David Bixler" <qrp@netins.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [98492] WB3AAL on AT  
Message-ID: <DBEPKBJH00EAHCKKIHPFKEMNCBAA.qrp@netins.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Gang:

Just ended QSO with WB3AAL on the AT in PA at 0240 UTC. Ron's signal is slowly increasing in strength here in southwest MO. Dispite the static crashes, we had a good QSO on 7043.67 KHz.

Go get him if you want an AT contact.

72,

David Bixler    W0CH - VK2IQX  
Seneca, MO  
Main Web Site: <http://www.qsl.net/w0ch>  
Mirror Site:    <http://showcase.netins.net/web/w0ch>

QRP: Little Radios, Big Fun!

-----  
Date: Sun, 20 May 2001 00:10:19 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: <ekdave@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98493] Re: TiCK in SST--here's what I did  
Message-ID: <00e001c0e0e2\$cbb150c0\$7a01a8c0@se.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I posted a similar Tick/SST side-tone mod here on QRP-L several years ago.  
For those interested, see #33 at the following link. Mods #31 and #32 may  
be worth considering as well.

<http://www.g3ycc.karoo.net/sst1.html>

-Paul, W9AC

----- Original Message -----  
From: "David Ek" <ekdave@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Saturday, May 19, 2001 21:55 PM  
Subject: TiCK in SST--here's what I did

> Gang,  
>  
> A while back I posted to the group asking about resistor and capacitor  
> values for building my TiCK into my new SST. Specifically, I wanted to  
> feed  
> the audio from the TiCK output into the SST audio chain. No one responded.  
> So, I figured it out for myself. (Yeah, big whoop...)  
>  
> But a few others were interested in the answer, so here it is. If you have  
> a  
> TiCK PC board, this might make some sense. If not, maybe it won't.  
>

> Pin 3 of the TiCK chip is the audio output (for sidetone and commands). On  
> the TiCK board, resistors R2 and R3 form a voltage divider to reduce the  
> audio signal to a small level. I used 1K for R2 and 100K for R3,  
effectively  
> reducing the voltage level by a factor of 100. C4 is a DC filter  
capacitor.  
> I used a 0.1uF cap for C4. I omitted C5 (if I included it, funny things  
> happened in the detector stage of the SST--the detector LED would light,  
> even if the TiCK had no power).  
>  
> Okay, for those of you without TiCK boards, here's a description. One end  
of  
> R3 is connected to pin 3 of the TiCK. The other end is connected to R2.  
The  
> other end of R2 goes to ground (so R2 and R3 are in series between pin 3  
and  
> ground). One end of C4 connects to the same point where R2 and R3 are  
> connected, and the other end of C4 is connected at "A" on the SST board.  
>  
> You might need to experiment a bit with the values of R2 and R3 to get  
what  
> you want.  
>  
> Hope this is useful to one or two of you.  
>  
> 73 de Dave AB0GO  
>  
>

-----

Date: Sun, 20 May 2001 00:38:01 -0400  
From: "Goody" <k3ng@fast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [98494] OT Re: Mouser insecurities  
Message-ID: <00e001c0e0e6\$a8aec5e0\$0269a8c0@pohopoco>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Geeezzz... 00:30 Eastern and it's still up. You would think if their admin  
was out bar hopping and they couldn't find him, at least someone would have  
the brains to pull the power cord from the server.

I'd like to reiterate my point I made earlier in the week that HTTPS doesn't  
mean a site is secure, nor does it mean the site and your data is well



maintained.... :)

72  
Goody  
K3NG

----- Original Message -----

From: "Ed Tanton" <n4xy@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, May 19, 2001 16:21  
Subject: RE: Mouser insecurities

> How embarrassing for Mouser-when your hacker has to tell you how to fix  
it.  
> My Info. Technology person would be looking for a job.  
>  
> 73 Ed Tanton N4XY <n4xy@arrl.net>  
>  
> Ed Tanton N4XY  
> 189 Pioneer Trail  
> Marietta, GA 30068-3466  
>  
> website: <http://www.n4xy.com>  
>  
> LM: ARRL QCWA AMSAT & INDEXA;  
> SEDXC NCDXA GACW QRP-ARCI  
> OK-QRP QRP-L #758 K2 (FT) #00057  
>  
> R-390: Motorola SN: 374;  
> R-390-A: Capehart SN: 2241  
> 51S-1 WE SN: 4389  
> HRO-50; HRO-60; & HRO-500  
> SP600-VLF SP600-JX-17 SP-600-JX-21  
>  
>  
>

-----  
Date: Sun, 20 May 2001 01:33:32 -0400 (EDT)  
From: <baltimoremd@baltimoremd.com>  
To: Goody <k3ng@fast.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98495] Re: OT Re: Mouser insecurities  
Message-ID: <Pine.BSI.4.05L.10105200131210.11888-100000@vh1.min.net>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 20 May 2001, Goody wrote:

> Geeezzz... 00:30 Eastern and it's still up. You would think if their admin  
> was out bar hopping and they couldn't find him, at least someone would have  
> the brains to pull the power cord from the server.

Wonder if it's running on a Microsoft Server...they have enough holes in  
the security system that the admin might be working now, lining up a crew  
of little Dutch Boys to plug fingers in all the holes.

thom	
baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
<a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>	Baltimore's Home Page
<a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a>	Home of the Baltimore Lexicon
<a href="http://www.zerobeat.net">http://www.zerobeat.net</a>	Home of The QRP Web Ring and Drake Mail List Pages

-----  
Date: Sat, 19 May 2001 21:05:09 -0800  
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98496] Re: TiCK in SST--plus source for other SST information  
Message-ID: <3B075085.6FA1B145@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I had forgotten about Paul's earlier posts. For those that are  
interested, a more complete list of SST emails (140 versus 95) can be  
found at my website.

<http://www.qsl.net/al7fs/>

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Paul Christensen wrote:

>

> I posted a similar Tick/SST side-tone mod here on QRP-L several years ago.

> For those interested, see #33 at the following link. Mods #31 and #32 may  
> be worth considering as well.

>  
> <http://www.g3ycc.karoo.net/sst1.html>

> -Paul, W9AC

> ----- Original Message -----

> From: "David Ek" <ekdave@earthlink.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Saturday, May 19, 2001 21:55 PM  
> Subject: TiCK in SST--here's what I did

> > Gang,

> >  
> > A while back I posted to the group asking about resistor and capacitor  
> > values for building my TiCK into my new SST. Specifically, I wanted to  
> > feed

> > the audio from the TiCK output into the SST audio chain.

> > 73 de Dave AB0GO

> >

> >

-----  
Date: Sun, 20 May 2001 01:11:49 -0400

From: "Goody" <k3ng@fast.net>

To: <baltimoremd@baltimoremd.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [98497] Re: OT Re: Mouser insecurities

Message-ID: <00fc01c0e0eb\$61030c60\$0269a8c0@pohopoco>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I was informed the site was back up; my browser is still showing the hacked  
site, even when shift-reloading to ignore the cache, so my browser must be  
broken. :(

The regular site is indeed back up.

For the record, they're running Microsoft IIS 4 on NT 4 (thanks  
<http://www.netcraft.com> )...

----- Original Message -----

From: <baltimoremd@baltimoremd.com>

To: "Goody" <k3ng@fast.net>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, May 20, 2001 01:33  
Subject: Re: OT Re: Mouser insecurities

> On Sun, 20 May 2001, Goody wrote:  
>  
> > Geeezzz... 00:30 Eastern and it's still up. You would think if their  
admin  
> > was out bar hopping and they couldn't find him, at least someone would  
have  
> > the brains to pull the power cord from the server.  
>  
> Wonder if it's running on a Microsoft Server...they have enough holes in  
> the security system that the admin might be working now, lining up a crew  
> of little Dutch Boys to plug fingers in all the holes.  
>  
> thom  
> baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster  
> http://www.baltimoremd.com/ Baltimore's Home Page  
> http://www.baltimorehon.com/ Home of the Baltimore Lexicon  
> http://www.zerobeat.net Home of The QRP Web Ring  
> and Drake Mail List Pages  
>  
>  
>

-----  
Date: Sun, 20 May 2001 01:37:00 -0500  
From: "Brian Murrey" <bmmurrey@amexol.net>  
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>  
Subject: [98498] FDIM  
Message-ID: <01ac01c0e0f7\$474f57e0\$6d492bd1@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just got home from FDIM...it's almost 2:30am EDT.

Right now, all I can say is WOW.

If you missed this year, you MISSED one heck of a show.

QRP forever!

=====  
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57  
=====

-----  
Date: Sun, 20 May 2001 09:05:30 -0400 (EDT)  
From: <baltimoremd@baltimoremd.com>  
To: Goody <k3ng@fast.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98499] Re: OT Re: Mouser insecurities  
Message-ID: <Pine.BSI.4.05L.10105200904190.5410-100000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 20 May 2001, Goody wrote:

> The regular site is indeed back up.  
>  
> For the record, they're running Microsoft IIS 4 on NT 4 (thanks  
> <http://www.netcraft.com> )...

And now all the little Dutch boys can go home.

Thank you Microsoft

thom	
<a href="mailto:baltimoremd@baltimoremd.com">baltimoremd@baltimoremd.com</a>	Thom LaCosta K3HRN Webmaster
<a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>	Baltimore's Home Page
<a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a>	Home of the Baltimore Lexicon
<a href="http://www.zerobeat.net">http://www.zerobeat.net</a>	Home of The QRP Web Ring and Drake Mail List Pages

-----  
Date: Sun, 20 May 2001 09:17:19 -0400  
From: Bill Lazure <n2tpa@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [98500] FS: QRP+  
Message-ID: <20010520.091754.-406701.1.n2tpa@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

For Sale: Index Laboratories QPR+ S/N: 734

Since I built the K2, this rig has just been sitting idle. It's time to let it go.

All Band, synthesized SSB/CW QRP rig. Will make 7 watts on lower bands, tapering to over 4 watts on 10. Internal keyer, and continuously variable audio filtering. General Coverage receive.

Electrically, works as good as the day it was purchased. I tried a couple of mods, but wasn't satisfied with any of them. Internal Battery replaced two years ago.

Cosmetically, There's two "marks" on either side of the display. They aren't in the viewing area, but they're visible. Otherwise, no scratches, dents, etc. **\*\*BUT\*\*** I Smoke. I've cleaned the rig thoroughly, but if possessing a piece of equipment that belonged to a smoker is an issue with you, pass this one up.

With original manual, shipped in original box/packing material.

\$350

Reply to: N2TPA@JUNO.COM

73,

Bill  
W2EB

---

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-----

Date: Sun, 20 May 2001 09:25:52 -0400

From: Mark Dulcey <mark@buttery.org>

To: k3ng@fast.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [98501] Re: OT Re: Mouser insecurities

Message-ID: <3B07C5E0.A5C536DA@buttery.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Goody wrote:

>  
> I was informed the site was back up; my browser is still showing the hacked  
> site, even when shift-reloading to ignore the cache, so my browser must be  
> broken. :(  
>  
> The regular site is indeed back up.

That likely means that the hack was a DNS hijack, rather than a  
server breakin, and your name server still has the hacked address  
in its cache.

--

Mark J. Dulcey                      mark@buttery.org  
Visit my house's home page: <http://www.buttery.org/>  
Visit my home page:                <http://www.buttery.org/mark/>

-----  
Date: Sun, 20 May 2001 08:23:53 -0500  
From: Monty N5FC <n5fc@io.com>  
To: qrp-l@Lehigh.edu  
Subject: [98502] TenTec RF Connector Query  
Message-ID: <4.3.2.7.1.20010520081918.00af7d00@mail.io.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

In my Scout, TenTec uses a little cheapo tin-plated stamped-metal miniature  
coaxial connector to interconnect boards internally with RG-174.

Anybody know who manufactures these babies? (they would be ideal for  
homebrew gear)

73,  
monty    N5FC

Monty Northrup, N5FC  
Austin, Texas  
e-mail: n5fc@io.com  
web page (ham radio): <http://www.io.com/~n5fc>  
web page (home): <http://www.io.com/~maddog>

-----  
Date: Sun, 20 May 2001 09:49:41 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <n5fc@io.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98503] Re: TenTec RF Connector Query  
Message-ID: <000f01c0e133\$ba214c60\$0600a8c0@dad>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If this is the thing that 'looks' like a miniature Motorola antenna plug like used on most car radios...

You can get the 'pieces' of it from Radio Shack if you look through the service manuals for other radios that use them.

But I've talked to Radio Shack about getting the part 'generically' and no one seems to know about it. Apparently it's some kind of inexpensive manufacturing setup, as I've seen the thing used in Icom and other radios. But I've NEVER been able to find it generically.

I did have some lengths of cable (like 2 feet) at one time laying around with those connectors on it. From old VCRs. I mean OLD, as in 1970's vintage. I think they came from an old Sony Beta SL-7100 unit that took a lightning strike. But I think I've given out all the pieces.

Mike

----- Original Message -----

From: Monty N5FC <n5fc@io.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Sunday, May 20, 2001 9:23 AM  
Subject: TenTec RF Connector Query

> In my Scout, TenTec uses a little cheapo tin-plated stamped-metal  
miniature  
> coaxial connector to interconnect boards internally with RG-174.  
>  
> Anybody know who manufactures these babies? (they would be ideal for  
> homebrew gear)  
>  
> 73,  
> monty N5FC  
>  
> Monty Northrup, N5FC



> Austin, Texas  
> e-mail: n5fc@io.com  
> web page (ham radio): <http://www.io.com/~n5fc>  
> web page (home): <http://www.io.com/~maddog>  
>  
>

-----  
Date: Sun, 20 May 2001 10:00:57 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: bmurrey@amexol.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [98504] Re: FDIM  
Message-ID: <3B07CE19.4B2AE8F8@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Brian,

As one of the original founding fathers of FDIM I'm glad you enjoyed it!

73

-----  
Date: Sun, 20 May 2001 08:58:08 -0500 (EST)  
From: bob evinger <wd9eka@arrl.net>  
To: Goody <k3ng@fast.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98505] Re: OT Re: Mouser insecurities  
Message-ID: <Pine.LNX.4.21.0105200855000.892-1000000@wd9eka.evinger.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

It depends on what the hacker did to breach security. If he managed to redirect the domain name to somewhere else like the twit did to the ARRL web site a year or two ago then it could take a day or two before some people start seeing the real site again until all of the nameservers out there have synced back up.

If he physically hacked into there server then disregard previous paragraph.

bob

On Sun, 20 May 2001, Goody wrote:

> I was informed the site was back up; my browser is still showing the hacked  
> site, even when shift-reloading to ignore the cache, so my browser must be  
> broken. :(  
>  
> The regular site is indeed back up.  
>  
> For the record, they're running Microsoft IIS 4 on NT 4 (thanks  
> <http://www.netcraft.com> )...  
>

--

Bob Evinger    WD9EKA        Marshall, Illinois  
If Guns Cause Crime, Then Matches Cause Arson.

-----

Date: Sun, 20 May 2001 11:00:58 -0400  
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>  
To: <k3ng@fast.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [98506] RE: OT Re: Mouser insecurities  
Message-ID: <LPBBJAGIPFHKPJENAKLOEEBGELAA.n1bq@wulfden.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

At 2315 Eastern time Saturday night Mouser's site was up and running  
OK. I just went into my History file and checked the time/date stamp of  
when I investigated the site after reading this thread. Maybe it was you  
who was out barhopping!

Its real easy to point a finger and make comments, but its so easy to  
forget that a finger pointed at someone leaves three pointed back at  
you!

cheers ... bbr

> -----Original Message-----  
> From: Goody  
> Sent: Sunday, May 20, 2001 0:38 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: OT Re: Mouser insecurities

>  
> Geeezzz... 00:30 Eastern and it's still up. You would think  
> if their admin was out bar hopping and they couldn't find  
> him, at least someone would have the brains to pull the  
> power cord from the server.  
>  
> I'd like to reiterate my point I made earlier in the week  
> that HTTPS doesn't mean a site is secure, nor does it mean  
> the site and your data is well maintained.... :)

-----  
Date: Sun, 20 May 2001 11:08:06 -0400  
From: "Goody" <k3ng@fast.net>  
To: <n1bq@wulfdn.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [98507] Re: OT Re: Mouser insecurities  
Message-ID: <019801c0e143\$5cd38b80\$0269a8c0@pohopoco>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

OK, OK. It was a DNS hack. My machine had the bogus IP cached.

Yes, I had a drink that night. Two, in fact :)

----- Original Message -----

From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, May 20, 2001 11:00  
Subject: RE: OT Re: Mouser insecurities

> At 2315 Eastern time Saturday night Mouser's site was up and running  
> OK. I just went into my History file and checked the time/date stamp of  
> when I investigated the site after reading this thread. Maybe it was you  
> who was out barhopping!  
>  
> Its real easy to point a finger and make comments, but its so easy to  
> forget that a finger pointed at someone leaves three pointed back at  
> you!  
>  
> cheers ... bbr  
>  
> > -----Original Message-----  
> > From: Goody  
> > Sent: Sunday, May 20, 2001 0:38 AM

> > To: Low Power Amateur Radio Discussion  
> > Subject: OT Re: Mouser insecurities  
> >  
> > Geeezzz... 00:30 Eastern and it's still up. You would think  
> > if their admin was out bar hopping and they couldn't find  
> > him, at least someone would have the brains to pull the  
> > power cord from the server.  
> >  
> > I'd like to reiterate my point I made earlier in the week  
> > that HTTPS doesn't mean a site is secure, nor does it mean  
> > the site and your data is well maintained.... :)  
>  
>

-----  
Date: Sun, 20 May 2001 11:47:16 -0400  
From: "Goody" <k3ng@fast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98508] RTV + Solder = Trouble ?  
Message-ID: <01ac01c0e144\$25825ca0\$0269a8c0@pohopoco>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This morning I was testing a homemade portable antenna setup for hiking that I had made last year but never got around to using. I was having problems with the setup and ended up tearing apart the mini balun I had made which was sealed with RTV silicone. To make a long story short, the coax I had was bogus and it wasn't the balun's fault, but I noticed an amount of deterioration on the solder joints that the RTV was touching. Nothing extremely bad, but quite noticeable.

I seem to recall that RTV is acidic. Is RTV touching solder joints a no-no ?

72  
Goody  
K3NG

-----  
Date: Sun, 20 May 2001 09:56:07 -0600  
From: "Bruce Kizerian" <kizerian@ced.utah.edu>  
To: <k3ng@fast.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [98509] Re: RTV + Solder = Trouble ?  
Message-ID: <02b501c0e145\$6288cf20\$316b6e80@ced.utah.edu>

> I seem to recall that RTV is acidic. Is RTV touching solder joints a no-no

Acetic acid--smells like vineager. I know I am setting myself up, but RTV is lousy stuff. It absorbs moisture and deteriorates over time. I recommend Marine Goop. It is much more stable, last a long time, is UV AND water resistant. Adheres very well, too.

Worked on a project a few years back instrumenting Army Rangers in Florida for vital signs, GPS, and a telemetry link to a base station. The equipment sealed with Marine Goop survived a swim across the Yellow River and much more.

Go ahead and use RTV if you have had good luck with it. I don't even stock it in my basement lab, and I throw it out, whenever I find it at work.

Bruce kk7zz

-----  
Date: Sun, 20 May 2001 16:05:04  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: k3ng@fast.net, qrp-1@Lehigh.EDU  
Subject: [98510] Re: RTV + Solder = Trouble ?  
Message-ID: <F13XvEbjkyqU7a0xtAE000091f2@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I think RTV sealant contains acetic acid, which probably caused the joint to deteriorate.

73, Leon

--  
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058  
Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller) IRISYS Ltd: <http://www.irisys.co.uk>

---

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-----  
Date: Sun, 20 May 2001 16:19:34  
From: "Leon Heller" <[leon\\_heller@hotmail.com](mailto:leon_heller@hotmail.com)>  
To: [wx7s@cfsystems.org](mailto:wx7s@cfsystems.org), [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [98511] Re: Mic Preamp Discussion  
Message-ID: <[F200ZRhQd0gl4rhYQYx00009460@hotmail.com](mailto:F200ZRhQd0gl4rhYQYx00009460@hotmail.com)>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>I've followed the discussion closely about the recommendations for a Mic  
>Preamp and they've given me some useful ideas, but I need some more help  
>...

I designed a sensitive pre-amp for an electret mic insert some time ago. The combination is *\*very\** sensitive, and can pick up my breathing from about 1m. I'll see if I can find the circuit. It wasn't anything clever, just a two-transistor direct-coupled amp.

I actually built it because I used to have noisy neighbors upstairs. I was intending to use it with a DSP system, high-power audio amp. and speaker to mangle the music they were playing and blast it back at them, with a delay, whenever the sound reached a certain level. I could hear them talking quite clearly with it near my ceiling, so it should be fine for your application.

73, Leon

--  
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058  
Email:[leon\\_heller@hotmail.com](mailto:leon_heller@hotmail.com) My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller) IRISYS Ltd: <http://www.irisys.co.uk>

---

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-----  
Date: Sun, 20 May 2001 16:40:00  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: Drbob92031@aol.com, qrp-1@Lehigh.EDU  
Subject: [98512] Re: Mic output amplification  
Message-ID: <F128m1Q080Gxw8Zw5V6000094a5@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>  
>Hi to all;  
>I need some knowledge. This is not directly QRP related.  
>I have a mic; D-104; and I have a bad habit of yelling into the mic as if  
>my  
>shouting will reach the DX at the other end. This shouting (yelling) is  
>disturbing late at night.

Do you use a speaker or phones? If you use phones, you could try increasing the sidetone output when on transmit. I used to work on military radio human factors, and vaguely remember some research into this area.

73, Leon

--  
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058  
Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller) IRISYS Ltd: <http://www.irisys.co.uk>

-----  
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-----  
Date: Sun, 20 May 2001 10:53:30 -0700  
From: "Mark M." <markem@cervnet.com>  
To: qrp-1@lehigh.edu  
Subject: [98513] Source for Ni-Cads?  
Message-ID: <3.0.6.32.20010520105330.007fb4a0@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Anybody have a good source for AA Ni-Cad batteries? I need to stock up...about 20 or so. I'm looking for good, new batteries, not surplus. R/S has 4/\$10 but I think I can do better elsewhere? Any suggestions?

Thanks... Mark AA7TA

-----  
Date: Sun, 20 May 2001 10:58:30 -0700  
From: Jeff Stai WK6I <jstai@home.com>  
To: markem@cervnet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [98514] Re: Source for Ni-Cads?  
Message-ID: <5.1.0.14.2.20010520105617.03529860@mail>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

hi Mark - try here:

[http://www.nicdlady.com/cell\\_pr.html#nicads](http://www.nicdlady.com/cell_pr.html#nicads)

- jeff wk6i

At 10:53 AM 5/20/01, Mark M. wrote:

>Anybody have a good source for AA Ni-Cad batteries? I need to stock  
>up...about 20 or so. I'm looking for good, new batteries, not surplus. R/S  
>has 4/\$10 but I think I can do better elsewhere? Any suggestions?

>

>Thanks... Mark AA7TA

jeff stai  
radio stuff: WK6I in DM13  
rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.  
email: jstai@home.com or wk6i@arrl.net  
ROC web page: <http://www.rocstock.org/>  
LDRS web page: <http://www.ldr20.org/>

-----  
Date: Sun, 20 May 2001 13:30:55 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [98515] NH AT  
Message-ID: <200105201803.f4KI3A425180@wolf.ncia.net>  
MIME-Version: 1.0



Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

HI Gang,

Only worked three stations from the Gention Pond AT shelter last night..KA3WMJ, W3SMK and KT3A. Sounded like they were all looking for me, as I made one call and worked them all 1-2-3. Thanks guys. Guess the rig works :-). But then there was a strong SSB station just above me, some strong CW stations just below and QRN in between, so gave up soon after that. It was also getting pretty cold and found it's hard to key laying on the floor, with shaky, cold fingers!

Sorry to make you all wait so long though..didn't get on until much later than I had expected...8:30 instead of 6:30. Was set up and ready to go by 6:30, but there was a YL staying the shelter, who was in a talkative mood and we hit it off pretty well, so ya know, got have one's priorities straight !

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Sun, 20 May 2001 13:23:21 -0500  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
To: elecrafft@qth.net, qrp-l@lehigh.edu  
Subject: [98516] K2 Troubleshooting Help Please  
Message-ID: <FEL0HHKMJEPHGBAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Language: en  
Content-Transfer-Encoding: 7bit

All,

I've hesitated to post about a problem I'm having with my K2, thinking I could solve it on my own. Elecraft technical support has been very prompt and helpful in answering all my inquiries (Kudos!), but so far we have not found the problem, so I thought I'd ping the Elecraft & QRP-L lists for additional suggestions. Maybe someone else has had the same problem and has insight.

K2 #1874 has been finished and alligned "by the book". It appears to be fully functional, having passed all tests, and a few QSO's have been made.

However I am experiencing some very annoying noise on received signals. Specifically, it sound like some sort of hash or "overload nose" superimposed on a

received CW signal. It is "white" in nature and is heard mixed in with the received signal, not constant, but in sync with the CW. It is observed in all signals, but most clearly discernable on weaker to medium strength signals. Strong signals tend to drown out the noise in my ears. I think it's still there but I hear only the tone. In medium signals it is very annoying and clear. It is reminiscent of the noise I hear in my IC740 when the noise blanker is on and distorting some of the received signal (I have no NB in the K2 yet, FYI)

Here is what I have tried, at the suggestion of Elecraft, with the results observed...

- The noise scales with the signal when switching the pre-amp and attenuator on/off but it is still there, and not specific to any one of these settings
- U8 in the PLL circuit, based on component outline, is NOT reversed, which could have been a source of noise if it were.
- Both Q7 and Q8 (PA stage) are cleanly biased "off" (no base voltage) in receive.
- In TX, node "8T" measures 1 mV to ground and "8R" measures 0.267 V to ground. 0.267 V is a bit higher than you'd like ( $\leq 0.25$  V) but I don't suspect this is related to my noise.
- I am using a gel-cell battery for testing, so power supply noise is not the source of my problem
- I turned off some fluorescent lights in the shack and the problem was still there, so they are not the source of the noise.
- I have observed the problem both at home and in my car at work, so I don't think the noise is local to my home QTH. It seems "systemic" to the K2 wherever it is being operated.

If anyone can help me with ideas to try before field day, I'd appreciate it! This is going to be my primary field day rig, noise or not, but if I could get rid of it it would really be a much greater joy to operate for 24 hours! I know this can't be normal, given the glowing RX reports I hear from everyone!

73/72 & Thanks,  
Joel N0KR  
PolarFab Field Day 2001 Chairman  
K2 #1874 Builder & Troubleshooter

---

Joel Kluender, N0KR  
870 Prairie Street S.  
Shakopee, MN 55379

"All men are like grass, and all their glory is like the flowers of the field; the grass withers and the flowers fall, but the word of the Lord stands forever." (I Peter 1:24-25)

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-----  
Date: Sun, 20 May 2001 12:00:01 -0700  
From: "Dave Fifield" <ad6a@earthlink.net>  
To: <n9k@eudoramail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [98517] Re: K2 Troubleshooting Help Please  
Message-ID: <001601c0e15f\$1420a3c0\$0600a8c0@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Joel,

Most likely you have something wrong in the local oscillator (PLL) which is modulating the incoming RX signals. Has anyone said anything about your TX signal? Perhaps you could listen to it on another RX and see if it sounds clean? Maybe you could "sniff" the local oscillator using another RX too? My suggestion would be to look at the PLL circuitry closely. It could be a bad FET at Q18 or even Q19 (I have had two bad FETs from Elecraft myself, plus have seen several in NC/RH20's that make the VFO noisy). It may even be noisy varicap diodes at D21/22/23/24/25/26 or D16/17. My vote goes with a bad J310 FET though, since I have seen this before.

One more thing it could be is that you have C93 in backwards. I have seen a reversed polarity electrolytic, in exactly this type of circuit, generate all sorts of noise on a VFO before.

Actually, I would think that Elecraft would take the rig in and find and fix this one for you for free - they don't like discussion of their technical dirty laundry being aired "off list" ;-)

72, Dave, AD6A

-----  
Date: Sun, 20 May 2001 14:16:25 -0700  
From: "Bob Tellefsen" <n6wg@earthlink.net>

To: "Joel Kluender, NF9K" <nf9k@eudoramail.com>, <elecraft@qth.net>, <qrp-l@lehigh.edu>  
Subject: [98518] RE: [Elecraft] K2 Troubleshooting Help Please  
Message-ID: <MABBJOEABOILMKCJCLFCIEFPCHAA.n6wg@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Joel

I don't know if this will help, but let me tell you about an experiment I ran at Wayne's suggestion.

I went into the two crystal filter that follows the IF amp. I jumpered a .01uF cap across the two crystals, temporarily bypassing them. The noise coming out of the IF amp has to be heard to be believed! That's why the two crystal filter is there, to clean it up.

My idea is that perhaps something is wrong with the two-crystal filter in your rig, and you are hearing some of the amplifier noise getting through.

You could use a .01uF cap and try bypassing the signal path to ground at various points. As long as the noise disappears when you ground some point, the noise source is farther toward the antenna than the grounded point. If it doesn't disappear, you have passed the noise source.

Good luck and 73,  
Bob N6WG

-----Original Message-----

From: owner-elecraft@qth.net [mailto:owner-elecraft@qth.net] On Behalf Of Joel Kluender, NF9K  
Sent: Sunday, May 20, 2001 11:23 AM  
To: elecraft@qth.net; qrp-l@lehigh.edu  
Subject: [Elecraft] K2 Troubleshooting Help Please

All,

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Here is what I have tried, at the suggestion of Elecraft, with the results observed...

- The noise scales with the signal when switching the pre-amp and attenuator on/off but it is still there, and not specific to any one of these settings
- U8 in the PLL circuit, based on component outline, is NOT reversed, which could have been a source of noise if it were.
- Both Q7 and Q8 (PA stage) are cleanly biased "off" (no base voltage) in receive.
- In TX, node "8T" measures 1 mV to ground and "8R" measures 0.267 V to ground. 0.267 V is a bit higher than you'd like ( $\leq 0.25$  V) but I don't suspect this is related to my noise.
- I am using a gel-cell battery for testing, so power supply noise is not the source of my problem
- I turned off some flourescent lights in the shack and the problem was still there, so they are noy the source of the noise.
- I have observed the problem both at home and in my car at work, so I don't think the noise is local to my home QTH. It seems "systemic" to the K2 wherever it is being operated.

If anyone can help me with ideas to try before field day, I'd appreciate it! This is going to be my primary field day rig, noise or not, but if I could get rid of it it would really be a much greater joy to operate for 24 hours! I know this can't be normal, given the glowing RX reports I hear from everyone!

73/72 & Thanks,  
Joel N0KR  
PolarFab Field Day 2001 Chairman  
K2 #1874 Builder & Troubleshooter

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Joel Kluender, N0KR  
870 Prairie Street S.  
Shakopee, MN 55379

"All men are like grass, and all their glory is like the flowers of the field; the grass withers and the flowers fall, but the word of the Lord stands forever." (I Peter 1:24-25)

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Date: Sun, 20 May 2001 18:50:06 -0400  
From: [wb2vuo@juno.com](mailto:wb2vuo@juno.com)  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [98519] Post-Dayton Sale  
Message-ID: <20010520.185007.-386237.0.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

Well, sort of. I was not able to get away for Dayton, and this post is for a friend that did not get there either!

This is actually a repost for a non-QRP-L'er. Lou, K2LKK has a couple of Icom all-mode rigs, the IC-271H for 2 M and the IC-471A for 70 cm. His "local" deal fell through.

The IC-271H is up to 100 watts on 2 Meters, SSB/CW/FM, can be cranked back down to a couple of watts for Low Power and has the accessory preamp installed. If Lou could find the voice board, he would not be selling it (He's visually-impaired, and his usable vision has dropped off drastically in the last couple of years.)

Asking price on the IC-271H is \$550 plus shipping (USA only, sorry)

The IC-471A runs 25 watts from 430 - 450 MHz. Same modes and the Low Power can be cranked down, too.

Asking \$450 plus shipping

Lou also has a Kenwood TM-331A, 220 MHz FM rig. The lithium battery is shot so it won't hold its memories. A new battery is about \$15 but Kenwood recommends that it only be replaced in their facility.

Asking \$225 or best offer on the TM-331A

Lou's Email is k2lkk@eznet.net and you should contact him directly if you are interested in any of the rigs.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp  
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY  
Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

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